

Tables Exercise

Table Join

1. Open a new view, Set the working directory, Name the view "Soils"
2. Add themes NV777 and WMCA_BNDY both as polygon, Set the legend for WMCA_BNDY to open outline with out color, Turn both themes on.
3. Open the table for NV777. Notice the item "Muid".
4. Add a table. From the project menu select <Project> <Add Table>. Set "List File Type" to INFO. INFO is Arc/Info's data base file type. Browse to D:\arcview_class\winnemucca\nv777_tables\info and select the table named "mapunit". Notice that this tables also has a item of "Muid".
5. Join the two tables in to the attribute table for NV777. Select "Muid" in mapunit table first then select "Muid" in the Attributes table last. Then click on the Join button (Two tables with a arrow).
6. Set the legend for NV777 to Unique Value for "Muname" in the view.

You should have soils displayed by there soil name.

Next you will find the percent of forest cover in the same area. I am using forest cover because it is only a few polygons and it is easy to see what we are doing.

1. Add the table "forest" from D:\arcview_class\winnemucca\nv777_tables\info. Notice that this table also has a item of "Muid". The tables also has the items "Plantsym" and "Plantcov". These are the tree species and the percent cover that tree covers in the soil unit. Also notice that there are more then one row for each of the unique Muid's. There is one for each tree species.
2. Summerize the forest table in to a new table. Make the forest table active by clicking on it. Select the "Muid" item on the table. Click on the summarize button (the side ways "M"). Field should be "Plantcov" and set summarize by to "Sum". Click on add then OK. This will create a new table named something like sum2.dbf. You could have given this new table a name other then the default name.
3. Join the new sum?.dbf table with the attribute table for NV777. Select the "Muid"'s in the correct order and join them with the Join button.
4. Set the legend for NV777 to Unique for "Sum_Plantcov". Now only a few polygons should be colored in showing the areas that have trees and what there percent cover is.